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02 DEC 2005

10/559601

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/17794

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H05B 6/00; B28B 23/02

US CL : 264/426; 425/426

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 264/426

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 05-318452 A (TAKESHI et al) 03 December 1993 (03.12.1993), entire document	1-69
Y	US 5,308,696 A (HANASHITA et al) 03 May 1994 (03.05.1994), entire document	1-69
Y	US 5,648,137 A (BLACKMORE) 15 July 1997 (15.07.1997), entire document	1-69
Y	COLLIER et al. Understanding Textiles Sixth Edition 2001 page 204.	20-21
Y	PETERS. Handbook of Composites Second Edition, 1998, page 170.	23, 33, 54
Y	US 5,565,535 A (COSTIN et al) 15 October 1996 (15.11.1996), entire document.	28-31
X	US 828,976 (SCHNEIDER) 21 August 1906 (21.08.1906), entire document.	1, 2, 24, 25, 32, 34, 35, 37, 38, 45, 51, 52, 62- 67
Y		39-44

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T"

later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

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document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

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Date of the actual completion of the international search

31 October 2005 (31.10.2005)

Date of mailing of the international search report

29 NOV 2005

Name and mailing address of the ISA/US

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Continuation of B. FIELDS SEARCHED Item 3:
DERWENT, JPO
search terms: cure, concrete, catalyst, carbon fiber, tensile, heat, resistance